

II. REMARKS

1. Claims 1-11 remain in the application.

2. Applicants wish to express their appreciation for the indication that claims 4-6 would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. However, Applicants believe that these claims are patentable as they stand for the reasons stated below.

3. Applicants submit that claims 7-9 are not anticipated by Minamida (US 6,256,513).

Minamida fails to disclose or suggest directing the information related to the real time service components of a multimedia connection through a radio transceiver, and between said radio transceiver and the local real time applications through a real time channel block.

Minamida also fails to disclose or suggest directing the information related to the non-real time service components of a multimedia connection through the same radio transceiver, and between the radio transceiver and the local non-real time applications through a non-real time channel block connected in parallel with the real time channel block.

Both features are recited by claim 7.

There is no disclosure in Minamida related to a multimedia connection having real time and non real time components. In addition, there is no disclosure related to directing information for local real time applications through a real time channel block, and no disclosure related to directing

information for local non-real time applications through a non-real time channel block.

Figures 8 and 9 of Minamida give an overview of an internal structure of a mobile station 203 and an ADP 202. ADP 202 is, as its name suggests, mainly a collection of interfaces for various physical connection methods. There is an IrDA interface for infra red devices, a couple of standardized cable-connected serial ports, ISDN interfaces for ISDN devices, as well as a number of parallel (telephone) "handset" interfaces. It is important to note that the internal structure of the ADP is oriented according to the physical appearance of the interfaces. Actual multiplexing of the communications is accomplished in an I/O ASIC circuit, and the description implies that all communications from the ADP to the mobile station and the telecommunications network are handled as "calls" with no reference to their real time or non-real-time nature.

Despite the relatively loose definition of the term "multimedia terminal device," the Minamida reference actually discloses a multitude of various terminal devices that only share a common transceiver through a multiplexer/demultiplexer. Each of the DTE's in Minamida is fully capable of conducting a connection of its own. Even if Minamida suggests the possibility of having multiple ones of the DTE's active simultaneously, the connections may proceed independently of each other so that e.g. one may start while the other is already running and so on.

At least for these reasons, Applicants submit that independent claim 7 and dependent claims 8 and 9 are not anticipated by Minamida.

4. Applicants submit that claims 10 and 11 are not anticipated by Dahlin et al. (US 6,122,263, "Dahlin").

Dahlin fails to disclose or suggest a circuit-switched telecommunication network for conveying, between the terminals, information relating to the real time service components of a multimedia connection, and a separate packet-switched telecommunication network for conveying, between the terminals, information relating to the non-real time service components parallel with the information relating to the real time service components of a multimedia connection, as recited by claim 10.

Dahlin has no disclosure related to multimedia connections. In addition, Dahlin has no disclosure related to a multimedia connection that includes real time and non real time applications and information. Dahlin appears to route data to a mobile radio terminal through either a GSM TCH circuit switched connection, a GPRS connection, or a wide band network radio link, determined by switching decisions. The switching decisions are based on the speed of the circuit switched connection, control messages that dictate the type of connection, or a code sequence within one or more information packets. There is no disclosure related to real time and non real time components of a multimedia connection, and no disclosure related to utilizing a particular type of network to convey information based on whether it is real time or not.

At least for these reasons, Applicants submit that independent claim 10 and dependent claim 11 are not anticipated by Dahlin.

5. Applicants submit that claims 1-3 are patentable over the combination of Minamida in view of Dahlin.

The combination of Minamida and Dahlin fails to disclose or suggest a real time channel block for conveying the real time service components between the local real time applications and the radio transceiver, and a non-real time channel block for conveying the non-real time service components between the local non-real time applications and the radio transceiver, as recited by claim 1.

Neither reference has any disclosure related to real time or non real time service components of a multimedia connection, and neither reference has any disclosure related to real time and non real time channel blocks for conveying real time and non real time service components, respectively.

At least for these reasons, independent claim 1 and dependent claims 2 and 3 are patentable over the combination of Minamida and Dahlin.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

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4/15/04
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